

PTO/SB/01 (05-03)

Approved for use through 04/30/2003.OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|-------------------------------|-----------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required) | Attorney Docket Number | TRQ-12957 |
| | First Named Inventor | Aaditya Mahajan |
| | COMPLETE IF KNOWN | |
| | Application Number | Filed Herewith |
| | Filing Date | Filed Herewith |
| | Art Unit | unknown |
| | Examiner Name | unknown |

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INCREASED RESPONSIVITY PHOTODETECTOR

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent, inventor's or plant breeders rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| N/A | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(h) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | |
|-----------------------|--------------------------|--|
| N/A | | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |

[Page 1 of 2]

This collection of information is required by 37 CFR 1.12 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Atty. Docket No:

PTO/SB/01 (05-03)

Approved for use through 04/30/2003 OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not designated in the prior United States or PCT International application in the manner provided by the first paragraph of 31 U.S.C. 112. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
| N/A | | |

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number **022888** Place Customer Number Bar Code Label here

OR ☐ Registered practitioner(s) name(s)/registration number listed below

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
| | | | |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label


022888OR ☐ Correspondence address below

| | | | |
|---------|-------------------|-------------------|--|
| Name | | | |
| Address | | | |
| City | State | ZIP | |
| Country | Telephone | Fax | |
| | +1 (408) 451-5906 | +1 (408) 451-5908 | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

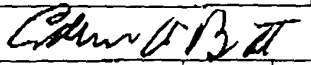
Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

| | | | |
|--|---|------------------------|--------------|
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Aaditya | | Mahajan | |
| Inventor's Signature |  | | Date 7/16/03 |
| Residence: City | Addison | State | TX |
| | | Country | US |
| Mailing Address | 3832 Azure Lane | | |
| City | Addison | State | TX |
| | | ZIP | 75001 |
| | | Country | US |

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

| | | | |
|--|---|------------------------|--------------|
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Edward A. III | | Boam | |
| Inventor's Signature |  | | Date 7-16-03 |
| Residence: City | Plano | State | TX |
| | | Country | US |
| Mailing Address | 4144 Kite Meadow Drive | | |
| City | Plano | State | TX |
| | | ZIP | 75074 |
| | | Country | US |

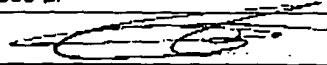
☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto:

Atty. Docket No: TRQ-12957

PTO/SB01A (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| DECLARATION | | | | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u> | | | |
|--|--|----------------------|--|---|--|----------|--|
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Jose L. | | | | Jimenez | | | |
| Inventor's Signature  | | | | Date | | 07.16.03 | |
| Residence: City | | Dallas | | State | | TX | |
| | | | | Country | | US | |
| Mailing Address | | 18519 Gibbons Drive | | | | | |
| City | | Dallas | | State | | TX | |
| | | | | ZIP | | 75287 | |
| | | | | Country | | US | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Andrew A. | | | | Kotterson | | | |
| Inventor's Signature | | | | Date | | | |
| City | | Dallas | | State | | TX | |
| | | | | Country | | US | |
| Mailing Address | | 5207 Ridgedale Drive | | | | | |
| City | | Dallas | | State | | TX | |
| | | | | ZIP | | 75206 | |
| | | | | Country | | US | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| | | | | | | | |
| Inventor's Signature | | | | Date | | | |
| City | | | | State | | | |
| | | | | Country | | US | |
| Mailing Address | | | | | | | |
| City | | | | State | | | |
| | | | | ZIP | | | |
| | | | | Country | | US | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| | | | | | | | |
| Inventor's Signature | | | | Date | | | |
| City | | | | State | | | |
| | | | | Country | | US | |
| Mailing Address | | | | | | | |
| City | | | | State | | | |
| | | | | ZIP | | | |
| | | | | Country | | US | |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.